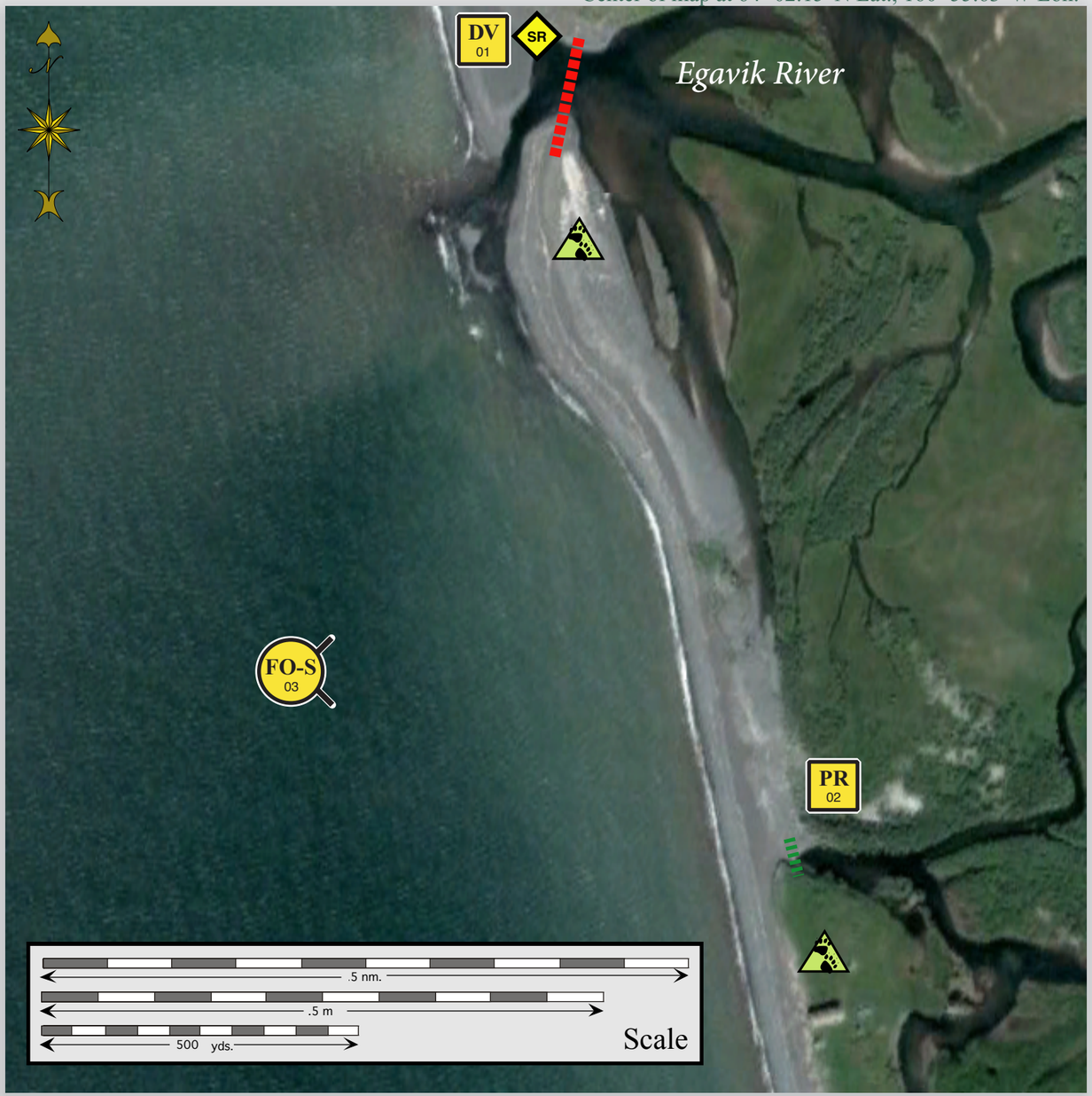
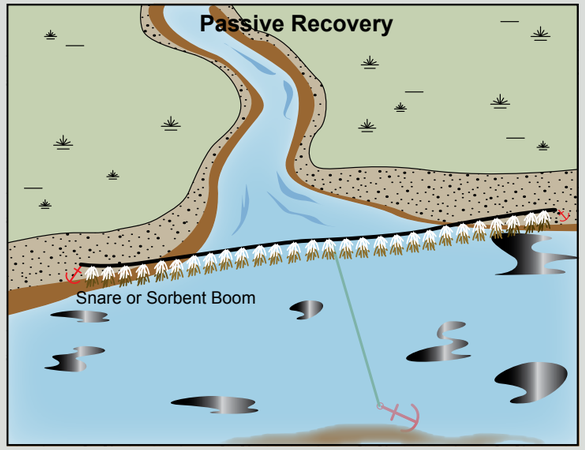
Egavik River, NWA-S49

Center of map at 64° 02.15' N Lat., 160° 55.63' W Lon.

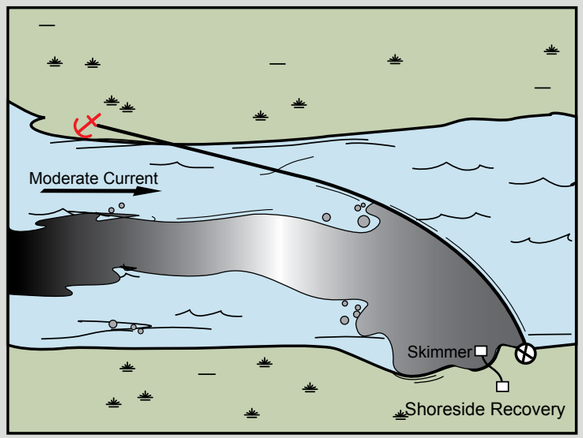


This is not intended for navigational use.

Geographic Response Strategies for Northwest Arctic Subarea, Southern Zone



An example of the ***Passive Recovery.*** Actual deployment should be adjusted for local conditions.



An example of the ***Diversion Booming Tactic.*** Actual deployment should be adjusted for local conditions.

Map Legend

- FO-S — Free-oil Recovery
- DV — Diversion Booming
- PR — Passive Recovery
- SR — Shoreside Recovery
- Protected-water Boom
- Snare or Sorbent Boom
- Bears in Area, Guards Recommended

Aerial photography of this area is unavailable at this time, but may be included as it becomes available.

DRAFT This tactic map is a working draft being used to develop a Geographic Response Strategy at this location. The tactics represented here have not been approved by the Subarea Committee and should not be considered final. If you have questions or comments please contact us by email at contact@nukaresearch.com.

NUKA Research & Planning Group, LLC.

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
S-49-01 DV	**Egavik River** Lat. 64° 02.43'N Lon. 160°55.49'W	**Divert and Collect** The mouth of the creek may change seasonally and large storms may open the lagoon in other areas on the barrier beach.	Deploy anchors and boom with skiffs (class 6). Place protected-water boom at proper angle to divert incoming oil to the collection site. Set-up collection site using shore-side collection units or if oil volume is minimal, use sorbent boom or snare line to provide collection of oil. If sea state prevents deployment at the mouth, back the array back into the channel. Tend throughout the tide.	**Deployment** **Equipment** 450 ft. protected-water boom 3 ea. anchor systems 4 ea. anchor stakes 1 ea. shore-side collection units **Vessels** 1 ea. class 3 1 ea. class 6 **Personnel/Shift** 5 ea. vessel crew 2 ea. response techs **Tending** **Vessels** 1 ea. class 3 1 ea. class 6 **Personnel/Shift** 3 ea. vessel crew 1 ea. response tech	Vessel Platform	Via marine waters Chart 16200_1	Fish- Chinook salmon, chum salmon, coho salmon, inter-tidal herring spawning, dolly varden, whitefish, pink salmon Birds- shorebird concentration, waterfowl concentrations, seabird nesting, Critical Habitat Marine mammals- Habitat- marsh, gravel, exposed rocky shores Human Uses: commercial fishing	Vessel master should have local knowledge. Site: not surveyed Tested: not yet
S-49-02 PR	**Egavik River** Lat. 64° 02.26 N Lon. 160°55.33 W	**Passive Recovery** Deploy passive recovery across creek south of Egavik Creek.	Place and anchor snare line or sorbent boom across the creek mouth south of Egavik Creek Replace as necessary to maximize the recovery.	**Deployment** **Equipment** 1550 ft. snare line or sorbent boom 8 ea. anchor systems 20 ea. anchor stakes **Vessels/Personnel/Shift** Same as S-49-01 **Tending** **Vessels/Personnel/Shift** Same as S-49-01	Vessel platform	Via marine waters Chart 16200_1	Same as S-49-01	Vessel master should have local knowledge.
S-49-03 FO-S	**Egavik Crekk** Nearshore waters in the general area of: Lat. 64º 02.29 N Lon. 160º56.21 W	**Free-oil Recovery** Maximize free-oil recovery in the offshore & nearshore environment of Egavik Creek depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Egavik. Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Shaktoolik	Via marine waters Chart 16200_1	Same as S-49-01	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks.